

Title (en)

ETHERNET ADDRESSING VIA PHYSICAL LOCATION FOR MASSIVELY PARALLEL SYSTEMS

Title (de)

ETHERNET-ADRESSIERUNG ÜBER PHYSIKALISCHE POSITION FÜR MASSIV PARALLELE SYSTEME

Title (fr)

ADDRESSAGE ETHERNET EN FONCTION D'UN EMPLACEMENT PHYSIQUE POUR SYSTEMES MASSIVEMENT PARALLELES

Publication

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Application

EP 02721138 A 20020225

Priority

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- US 0205570 W 20020225

Abstract (en)

[origin: WO02069096A3] In a massively parallel system, a method and apparatus for uniquely assigning a MAC address(400) to a device encodes the MAC address with a physical location of the device(410). The method and apparatus include configuring device interconnections of the parallel system with physical topological information such as a rack number, a midplane number, a card number, and a chip number. A device or node with a physical location encoded MAC address may then be interrogated by location for test, diagnostic, and program loading purposes.

IPC 8 full level

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CPC (source: EP KR US)

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